
About Us

Having expertise in a variety of project controls and operations management, Ryan Construction Consulting was founded in 2021 to help contractors address issues during an unprecedented time of market volatility and supply chain disruptions. Having previously served as a contractor and consultant on a variety of large and small projects, Ryan Construction Consulting was the ideal fit to blend research and practical experience to resolve issues for contractors and owners alike. Since then, our services have evolved to support our clients before, during, and after issues arise. They include Expert Witness Testimony, DBE Program Compliance, Delay & Claims Consulting, Dispute Resolution, Risk Analysis, Preconstruction Support, and Project Management Services.

SERVICES

Expert Witness Testimony

Ryan Construction Consulting can provide expert witness testimony in court or arbitration proceedings on a wide range of construction-related topics. Our expert witnesses are available to testify on both plaintiff and defendant sides. We have extensive experience in the construction industry. We have firsthand experience having worked on projects ranging from \$1 million to \$3 billion and have published numerous articles on construction-related topics. We are experts in a wide range of construction-related topics, and we are always up to date on the latest industry trends, making us qualified to provide opinions on the following topics:

- Cost estimating
- DBE program compliance
- Schedule development
- Project management
- Risk management
- Dispute resolution

DBE Program Compliance

Having published several articles related to DBE compliance and putting the research into practice, Ryan Construction Consulting is a leading provider of DBE expert services. We have over 15 years of experience helping contractors and owners comply with DBE requirements in the City of Chicago, Illinois DOT, Virginia DOT, Indiana DOT, Georgia DOT and South Carolina DOT. We offer a wide range of services, including:

- DBE program development and implementation
- Good Faith Effort process
- DBE contract administration
- DBE dispute resolution
- DBE outreach and marketing
- DBE subcontractor search and qualification

Delay & Claims Consulting

Having been familiar with complex projects and alternative delivery methods, RCC has been used to prepare claims both on the contractor and owner end. RCC has a unique blend of experience that makes for an ideal delay claims expert. As a contractor, I understand the challenges that contractors face. I know what it takes to build a project on time and within budget. As a consultant, I understand the perspective of owners and other stakeholders. I know what they expect from contractors and how to manage their expectations. RCC is familiar with and has utilized industry recommended practices associated with the American Council of Cost Engineers process of preparing and presenting delay claims and am familiar with the laws and regulations that govern delay claims. These practices have resulted in recovering over \$30 million in costs associated with delays and brought projects back on track.

Dispute Resolution

RCC has been involved in the construction industry for over 15 years, both as a contractor and consultant. During that time, we have seen firsthand the challenges that can arise during construction projects. This unique blend of experience makes RCC an ideal mediator or arbitrator. We have seen how disputes can quickly escalate and lead to costly delays and even litigation. Having previous experience as a contractor, RCC understands the challenges that contractors face. As a consultant, RCC understands the perspective of owners and other stakeholders. This gives RCC the ability to see both sides of the dispute and to help the parties reach a mutually agreeable and expedient resolution.

Risk Analysis

RCC's large project experience has lended itself to provide Cost-Schedule Risk Analysis (CSRA) services on some of the nation's leading projects. RCC's experience has been used to mitigate issues pre, during, and post COVID pandemic to best identify and mitigate risks that contractors face on mega-projects and to educate stakeholders on their acceptance of risk both pre and post construction award.

Preconstruction - Estimating, Cost Engineering & Scheduling Services

Having previously worked as a Lead Estimator, RCC has performed preconstruction services including cost estimating and scheduling in a variety of markets including Illinois, Indiana, Wisconsin, Delaware, Kentucky, Virginia, North Carolina, South Carolina and Georgia. RCC can handle all aspects of project pursuit including direct costs on a variety of scopes quantity takeoffs, subcontractor solicitation, proposal preparation, risk analysis, pricing of indirect costs and markups, RCC can be utilized as a full turnkey estimator, estimate support, or as an estimate reviewer.

Project Management Services

As many companies are finding it difficult to staff their growing needs, Ryan Construction Consulting is able to fill the needs of their clients Project Management Services. Having extensive experience in Operations Management on heavy civil and light industrial projects, RCC has performed Project Management services on large and small projects alike. Using tools in our PM kit, RCC is able to coordinate, respond, and document all changes that may occur on a project. We have seamlessly assisted many projects with a flawless transition to support field staff while minimizing project overhead.

BIOGRAPHY – Bob Ryan

Bob is an industry professional with extensive experience in heavy civil construction. Bob has estimated and built projects that have included bridge/structures, paving, deep foundations, marine structures, and grading work. In his 15 years as full-time professional, his analysis has been used to brief c-suite members of corporate construction companies and government entities. Before teaching at Oregon State University in their Construction Engineering Program, Bob 's industry specific accomplishments included the pursuit and execution of complex heavy-highway projects, creating and implementing best practices for Disadvantaged Business Enterprise (DBE) programs, dispute resolution on some of the nation's largest infrastructure projects, standardizing cost estimating approaches. He states the foundation of his success has come from his firsthand experience on multiple projects receiving national merit where he was able to observe, learn, and be directly mentored by some of the industry's leading professionals. Bob's professional roles have included project controls, field engineering, superintendence, project management, and estimating. Bob has successfully balanced completing his multiple degrees and publications while as a full-time professional. His dissertation involved economic analysis of cost variance for over 12,000 projects. His education background is a blend of project management, civil engineering, accounting, economics, and statistics. Bob serves as a board member and committee member of several industry associations. He is experienced in a wide variety of alternative delivery methods such as design-build, public-private- partnerships (P3) accelerated bridge construction, job order contracting, and negotiated lump sum.

EDUCATION

PhD, Construction Management, Purdue University, West Lafayette, Indiana, 2020
Master of Engineering, Civil Engineering, University of Florida, Gainesville, Florida, 2018
Master of Science, Construction Management, Florida International University, Miami, Florida, 2012
Bachelor of Science, Construction Management, Western Illinois University, Macomb, IL, 2008

REGISTRATIONS & CERTIFICATIONS

Professional Engineer (PE), State of Maryland #59694 Expires August 2024
Design-Build Professional (DBIA), Design-Build Institute of America, Washington DC, In Progress
Certified Cost Professional (CCP), AACE International, Morgantown, West Virginia, United States,
2021 Certified Professional Constructor (CPC), American Institute of Constructors, Alexandria,
Virginia, 2014 (Expired), Safety Trained Supervisor (STS-C) – Construction, Board of Certified Safety
Professionals

PUBLICATIONS / PRESENTATIONS

Ryan, R. Are DBEs Qualified to Perform and Sustain Work? A Guide to Best Practices for DBEs on Heavy
Highway Projects, Associated Schools of Construction, 2014.0
Ryan, R, Rapp, R, Shaurette, M, Hubbard, S. Examining External Market Factors Compensating for Bid Difference
in Heavy Highway Construction, American Institute of Constructors, 2018.
Ryan, R. Measuring the Impact of DBE Goals in Heavy-Highway Project Procurement, *Draft
Ryan, R. Analysis of Pre and Post Pandemic Macroeconomics on DOT Bidding Environment, *Draft

Project Portfolio as Contractor/Consultant:

MCON Project P-209 PHNSY Dry Dock 3 Replacement | Honolulu, HI, USA | USD 3B (Consultant)
MCON Project P-381 Multi-Mission Dry Dock #1 | NAVFAC, MIDLANT | Kittery, Maine | USD 1.7B (Consultant)
Potomac River Tunnel | DC Water | Washington, District of Columbia | USD 1B (Contractor)
11th Street Interchange | District of Columbia DOT | Washington, District of Columbia | USD 260M (Contractor)
Indian River Inlet Bridge | Delaware Department of Transportation | Rehoboth Beach, Delaware | USD 150M
(Contractor)
I-65 Design Build | Indiana Department of Transportation | Clark County, IN | USD 100M (Contractor)
C-51 Impoundment | South Florida Water Management District | Palm Beach, FL | USD 60M | (Consultant)
Judith Stewart Dresser Memorial Bridge (Route 5) | Williamsburg, Virginia | USD 30M (Contractor)
Asphalt Term Overlay Maintenance Project | Chicago Department of Aviation | Chicago, Illinois | USD 30M
(Contractor)
Lincoln Yards Connection into Tunnel and Reservoir Plan (TARP) | Metropolitan Water Reclamation District of
Greater Chicago (MWRD) | Chicago, IL | USD 20M (Consultant)
Ronald Reagan Parkway | Indiana Department of Transportation | Indianapolis, IN | USD 20M (Contractor)
Michigan City Generating Station Grading and Repairs | Northern Indiana Public Service Company | Michigan City,
IN | USD 1M (Contractor)
